Applicant : Carol M. Troy Serial No.: Not Yet Known

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Page 3

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

- 1-5. (canceled)
- (original) A compound having the structure:

$$V-(AA_1)_n-Cys-(AA_2)_m-V'$$

wherein n = 0,1,2,3,4 or 5 and m = 0,1,2,3,4 or 5, provided the sum of (n + m) is greater than or equal to two and less than or equal to five,

if
$$n = 1$$
, $(AA_1)_n = Ala_1$,

if
$$n = 2$$
, $(AA_1)_n = Gln-Ala-$,

if
$$n \ge 3$$
, $(AA_1)_n = (Xaa)_p$ -Gln-Ala-,

and Xaa = any amino acid and

wherein if n = 3, p = 1,

if
$$n = 4$$
, $p = 2$,

if
$$n = 5$$
, $p = 3$,

if
$$m = 1$$
, $(AA_2)_m = -Arg$,

if
$$m = 2$$
, $(AA_2)_m = -Arg-Gly$,

if
$$m \ge 3$$
, $(AA_2)_m = -Arg-Gly-(Xaa)_q$,

wherein if m = 3, q = 1,

if
$$m = 4$$
, $q = 2$,

if
$$m = 5$$
, $q = 3$,

wherein each V, V^{\prime} or $V^{\prime\prime}$ is independently an

Applicant : Carol M. Troy Serial No.: Not Yet Known

Filed : Herewith

Page 4

agent capable of specifically directing the compound to a cell.

- 7. (original) The compound of claim 6, wherein V, V' or V" is a polypeptide comprising at least a portion of an Antennepedia polypeptide.
- 8. (original) The compound of claim 7, wherein V, V' or V" is at least a portion of a polypeptide comprising the sequence NPyS-Arg-Gln-Ile-Lys-Ile-Trp-Phe-Gln-Asn-Arg-Arg-Met-Lys-Trp-Lys-Lys-(Seq. I.D. No. 9).
- 9. (original) The compound of claim 8, wherein the compound is NPyS-Arg-Gln-Ile-Lys-Ile-Trp-Phe-Gln-Asn-Arg-Arg-Met-Lys-Trp-Lys-Lys-Ile-Gln-Ala-Cys-Arg-Gly (Seq. I.D. No. 10).
- 10. (original) The compound of claim 8, wherein the compound is NPyS-Arg-Gln-Ile-Lys-Ile-Trp-Phe-Gln-Asn-Arg-Arg-Met-Lys-Trp-Lys-Lys-Gln-Ala-Cys-Arg-Gly (Seq. I.D. No. 11).
- 11. (original) The compound of claim 6, wherein each V, V' or V" is independently an antibody, an adjuvant or a cell-specific ligand.
- 12. (original) The compound of claim 6, wherein the cell is a neuronal cell, a cardiac cell or a liver cell.

13.-47. (canceled)